PAD-80
OCTAPAD II

MIDI PAD CONTROLLER

S-550 DIGITAL SAMPLER
REC LEVEL
MIDI-MESSAGE
DATA ENTRY
DEC/NO
INC/YES
MIDI MESSAGE
LINE/MIC
VOLUME
PLAY
EDIT
DISK
MENU
SUB MENU
COMMAND
MIDI
FUNC
UTILITY
EXECUTE
ENTER
POWER
Roland D-110 MULTI TIMBRAL SOUND MODULE
PHONES
VOLUME
EXIT
PATCH
TIMBRE
EDIT
PART
SYSTEM
PARAMETER
VALUE
WRITE/COPY
MEMORY CARD
ENTER
OCTAPAD II
Roland
PAD-80
MIDI PAD CONTROLLER
VELOCITY
V-SW
V-MIX
PATCH
CARD
EDIT
NAME
COPY
PATCH CHAIN
PEDAL
ALL
MIDI
ENTER
BANK
NUMBER

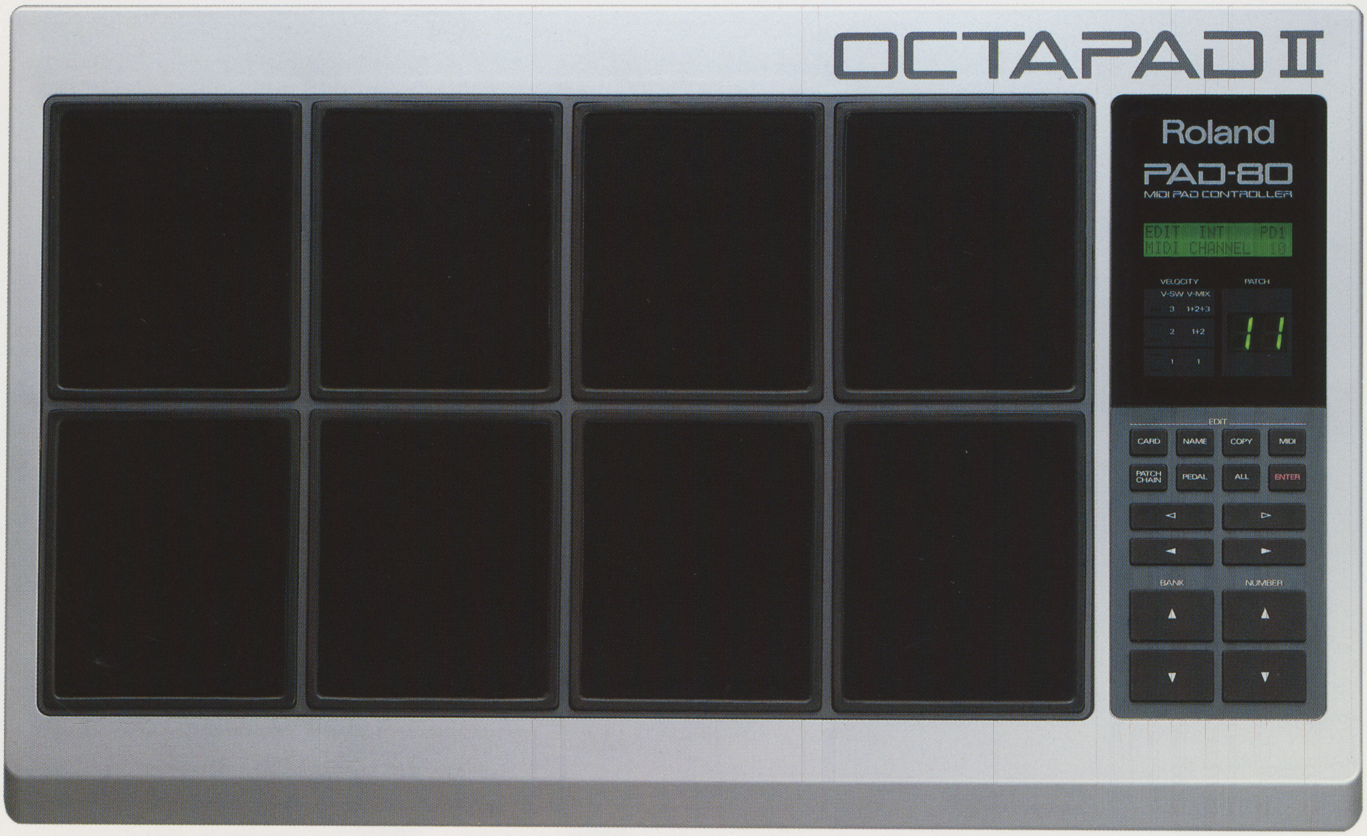
Roland

INTRODUCING THE PAD-80

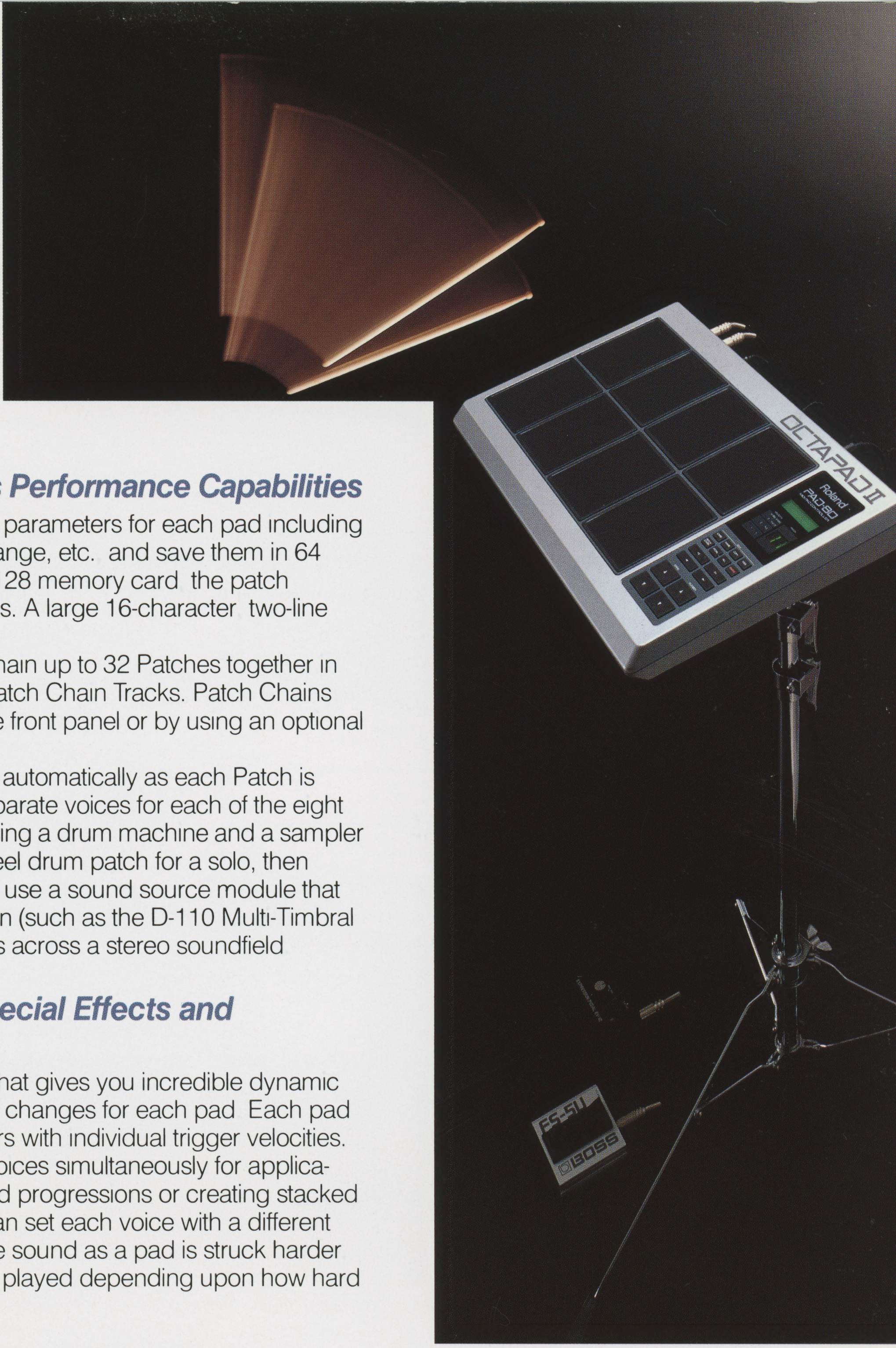
The PAD-80 Octapad II provides drummers with greater control and expressive capabilities than ever before. In addition to all the functions of the popular PAD-80 Octapad such as dynamics-responsive performance, the PAD-80 Octapad II allows drummers and percussionists to take advantage of the latest MIDI developments by offering new features including greater patch memory, layering, pitch bend/modulation/aftertouch control, panning, and a chain function.

Roland's PAD-8 Octapad introduced many drummers and percussionists to the world of MIDI musical instruments and became the most popular pad controller ever. The Octapad's four memory patches made it easy for musicians to access a wide variety of sounds from any MIDI musical instrument or sound module while its compact size made it simple for drummers or percussionists to add new sounds to their existing set-ups.

Roland's PAD-80 Octapad II retains the compact size and ease-of-use of its predecessor and offers greater memory capacity, enhanced expressive controls, and access to a wide variety of MIDI functions.


OCTAPAD II
Roland
PAD-80
MIDI PAD CONTROLLER
EDIT INT PD1
MIDI CHANNEL 10
VELOCITY
V-SW V-MIX
PATCH
11
EDIT
CARD
NAME
COPY
MIDI
PATCH CHAIN
PEDAL
ALL
ENTER
BANK
NUMBER

OCTAPAD II



Large Patch Memory Increases Performance Capabilities

The PAD-80 allows you to assign all MIDI parameters for each pad including MIDI channel, note number, program change, etc., and save them in 64 patch locations. By using the optional M-128 memory card, the patch memory can be expanded to 128 patches. A large 16-character, two-line LCD display simplifies patch editing.

The Patch Chain function allows you to chain up to 32 Patches together in any sequence and store them on eight Patch Chain Tracks. Patch Chains can be called up in sequence through the front panel or by using an optional external footswitch.

The PAD-80 can send program changes automatically as each Patch is changed. That means you can set up separate voices for each of the eight pads such as a Latin percussion patch using a drum machine and a sampler as sound sources, switch instantly to a steel drum patch for a solo, then switch to an electronic drum patch. If you use a sound source module that accepts external MIDI panning information (such as the D-110 Multi-Timbral MIDI Sound Module), you can pan voices across a stereo soundfield.

Layering Sounds to Create Special Effects and Rich Textures

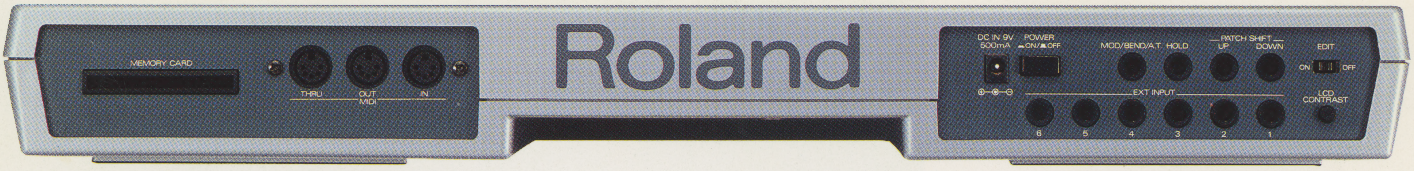
The PAD-80 features a layering function that gives you incredible dynamic control over sound textures and program changes for each pad. Each pad can control up to three MIDI note numbers with individual trigger velocities. MIX mode can be used to trigger three voices simultaneously for applications such as using the pads to play chord progressions or creating stacked drum sounds. Using V-MIX mode, you can set each voice with a different velocity trigger level to gradually fatten the sound as a pad is struck harder. With V-SW mode, different voices can be played depending upon how hard the pad is struck.

Greater Control for Expressive Performances

The PAD-80 allows you to control pitch bend and modulation depth through playing dynamics or through an external pedal. You can also set up to four seconds of gate time for each voice. This is particularly useful when triggering string or horn voices or when modulating or bending a synth voice. An optional EV-5 or EV-10 expression pedal may be used to send aftertouch, bend, or modulation depth information via foot control.

Expanding the PAD-80 System

Because the PAD-80 is equipped with the MIDI Soft Thru and System Chain functions, system expansion and increased versatility is instant. You can add up to six external pads such as the PD-11 (a bass drum pad which gives you foot control), PD-21, or PD-31, using the PAD-80 as a MIDI interface. This gives you a total of 14 pads of MIDI control over a single sound source or multiple sound sources, and lets you custom-configure your set-up for a variety of applications.



PAD-80 Parameter Values

Patch Parameters

MIDI channels	1—16
Note numbers	0—127
Note names	C—G_9
Gate time	0.2—4.0 sec.
Velocity curve	1—7
Sensitivity	1—16
Program change	Individual
MIDI Channels #s	Off 1—128
Layer	Off Max 3 Notes
Layer select	Mix, V-Mix, V-SW
Pan	Off –31— +31

Effect Parameters

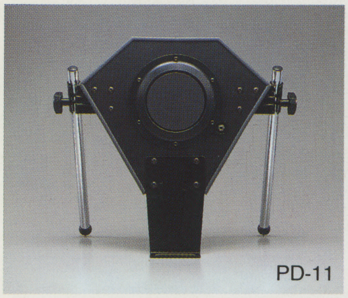
Modulation Delay Depth	MIDI Channels 1—16 Off 0.04—1 sec. Off 1—60
Pitch bend Bend select	 Off +/–
Bend depth	Off 1—60
Bend delay	1—60
Dynamic bend	On/Off
Aftertouch	On/Off
Threshold	1—60

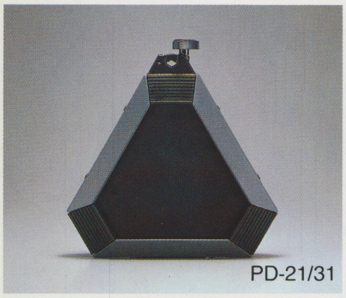
PAD-80 Specifications

• **Patch Memory:** • Internal Memory: 64 patches • External Memory: 64 patches (using M-128D memory card option) • **Patch Parameters:** *MIDI Out:* MIDI Channels: 1 to 16 • Note Numbers: 0—127 (C to G_9) • Gate Time: 0.2 to 4 sec. • Velocity Curve: 1 to 7 • Sensitivity: 1 to 16 • Program Change: Off 1 to 128 • Layer: Off 0 to 127 (C to G_9), max. 3 notes • Layer Select: MIX, V-MIX, V-SW • Panning: Off –31 to +31 *MIDI Modulation.* MIDI Channels: 1 to 16 • Modulation Delay: Off 1 to 30 • Modulation Depth. Off 1 to 60 • Bend Select: – Off + • Bend Depth Off 1 to 60 • Bend Decay: 1 to 60 • Dynamic Bend. Off On • Aftertouch. Off On • Threshold: 1 to 60 *MIDI In.* Basic Channels: 1 to 16 • Soft Thru Off On • System Chain: Slave, Master • Bulk Dump: Individual/All • **Patch Chain:** • Steps: 1 to 32 • Tracks: 1 to 8 • **Display** • Patch Numbers: 7-segment LED × 2 (green) • Message: 16 character × 2 lines backlit LCD • Velocity: LED × 5 • **Controls:** Card key Name key Copy key MIDI key Patch Chain key Pedal key All key Enter key Parameter key (Up, Down), Value key (Up, Down), Number key Bank key Edit switch (Off On), LCD Contrast Control • **Jacks:** External pad input jack × 6, Patch shift jack (Up, Down), Gate hold jack, Modulation jack (EV-5, EV 10), Card slot (for M-128D), AC adaptor jack (DC 9V in) • **Dimensions:** 550(W) × 330(D) × 60(H)mm (12 5/8″ × 13″ × 2 3/8″) • **Weight:** 4.8kg (10 lbs. 9 oz.) • **Accessories:** AC adaptor for PAD-80 use only APC-33 (all-purpose clamp set) • **Options:** • External pads: PD-11/PD-21/PD-31 • Memory cards: M-128D/M-256D • Pedal switch. DP-2 • Footswitch: FS-5U • Expression pedals: EV-5/EV 10

*Specifications and appearance subject to change without notice.

OPTIONS


PD-11


PD-21/31

Roland
M-128D
MEMORY CARD
128
M-128D

Roland
M-256D
MEMORY CARD
256
M-256D

FS-5U

34.-

EV-5

55

EV-10

87.-

Roland

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